(19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 13 October 2005 (13.10.2005)

(10) International Publication Number WO 2005/095632 A2

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(51) International Patent Classification ⁷ :	C12Q 1/00	(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,
(21) International Application Number: PCT/FP2005/002454	AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS. JP, KE,	
(22) International Filing Date: 4 March 2005 (4.03.2005)	KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA. MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO. NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
(25) Filing Language:	English	TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
(26) Publication Language:	English	(84) Designated States (unless otherwise indicated, for every
(30) Priority Data:		kind of regional protection available): ARIPO (BW, GH,

US

EP 29 March 2004 (29.03.2004) 04090121.7 9 December 2004 (09.12.2004) 04090483.1

5 March 2004 (05.03.2004)

5 March 2004 (05.03.2004)

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04090087.0

60/549,980

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FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

of inventorship (Rule 4.17(iv)) for US only

Published:

without international search report and to be republished upon receipt of that report

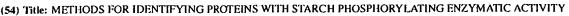
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

with (an) indication(s) in relation to deposited biological material furnished under Rule 13bis separately from the

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(57) Abstract: The present invention relates to a method for identifying proteins involved in the phosphorylation of starch and nucleic acids which code for such proteins. The present invention further relates to plant cells and plants which exhibit an altered activity of a protein which can be identified using the method according to the invention. Plant cells and plants of this type synthesise a modified starch. The present invention therefore also relates to the starch synthesised by the plant cells and plants according to the invention as well as to methods for the manufacture of this starch and to the manufacture of starch derivatives of this modified starch.





